

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/764,691-Conf. #9462
				Filing Date	January 26, 2004
				First Named Inventor	Gary L. Bowlin
				Art Unit	1657
				Examiner Name	S. K. Singh
Sheet	1	of	4	Attorney Docket Number	OGA-00703

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-4,323,528	04-06-1982	Collins	
	AB*	US-4,455,206	06-19-1984	Funabashi et al.	
	AC*	US-4,553,974	11-19-1985	Dewanjee	
	AD*	US-4,565,736	01-21-1986	Stein et al.	
	AE*	US-4,837,285	06-06-1989	Berg et al.	
	AF*	US-5,332,475	07-26-1994	Mechanic	
	AG*	US-5,378,469	01-03-1995	Kemp et al.	
	AH*	US-5,460,962	10-24-1995	Kemp	
	AI*	US-5,922,356	07-13-1999	Koseki et al.	
	AJ*	US-6,096,347	08-01-2000	Geddes et al.	
	AK*	US-6,386,195	05-14-2002	Coffee et al.	
	AL*	US-7,084,082	08-01-2006	Shimizu et al.	
	AM*	US-20020084178	07-04-2002	Dubson et al.	
	AN*	US-20020089094	07-11-2002	Kleinmeyer et al.	
	AO*	US-20020091437	07-11-2002	Tseng et al.	
	AP*	US-20020172705	11-21-2002	Murphy et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA**	EP-0234841 A2	09-02-1987	Imperial Chemical		
	BB**	EP-0234842 A2	09-02-1987	Imperial Chemical		
	BC**	EP-0234842 B1	09-02-1987	Imperial Chemical		
	BD**	EP-0250102	12-23-1987	Imperial Chemical		
	BE**	EP-0250164 B1	12-23-1987	Imperial Chemical		
	BF	EP-1212107	06-12-2002	Virginia Commonwealth Univ.		
	BG**	JP-08035193 A	02-06-1996	Takeuchi et al.		
	BH**	JP-06108307	04-19-1994	Hagura et al.		
	BI**	JP-07097714	04-11-1995	Akasaka et al.		
	BJ	JP-55(1980)-6061	02-13-1980	Avicon, Inc.		
	BK	JP-08(1996)-143449	06-04-1996	Lederle Japan Ltd.		
	BL	JP-09(1997)-47503	02-18-1997	Menicon Co. Ltd.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/764,691-Conf. #9462
				Filing Date	January 26, 2004
				First Named Inventor	Gary L. Bowlin
				Art Unit	1657
				Examiner Name	S. K. Singh
Sheet	2	of	4	Attorney Docket Number	OGA-00703

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BM	JP-11(1999)-142392	05-28-1999	Toyobo Co. Ltd.		
	BN	JP-2000-271207	10-03-2000	Nissho Corp.		
	BO**	WO-94/13266 A1	06-23-1994	The Regents of the Univ. of California		
	BP	WO-95/25481	09-28-1995	Li Shu-Tung		
	BQ**	WO-95/26235	10-05-1995	Electrosols Ltd.		
	BR	WO-96/39101	12-12-1996	Advanced Tissue		
	BS**	WO-01/015754	01-25-2001	Virginia Commonwealth Univ.		
	BT**	WO-01/080921	11-01-2001	Emory University		
	BU**	WO-01/26702	04-19-2001	The Univ. of Akron		
	BV	WO-01/54667	08-02-2001	Smithkline Beecham Corp.		
	BW**	WO-02/00149	01-03-2002	Drexel University		
	BX**	WO-02/13786	02-21-2002	Board of Trustees of Univ. of Illinois		
	BY	WO-02/18441	03-07-2002	Smithkline Beecham Corp.		
	BZ	WO-02/32642	04-25-2002	Virginia Commonwealth Univ.		
	BA1**	WO-2004/028404	04-08-2004	Fibro-Gen, Inc.		
	BB1**	WO-2004/028547	04-08-2004	Cohesion Technologies, Inc.		
NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	CA**	Abstract of FR1494094, Polymer-bonded leather-like sheet material, F. Andrieu, 09-08-1967, Derwent				
	CB**	Abstract of JP 08-035193, Preparation of sheet of nonwoven fabric of collagen fibre - by injecting acidic solution of soluble collagen through spinning dyes into aq. conc. solution of salt, cutting obtd. fibre and paper making, Mitsubishi Rayon Co. Ltd., 02-06-1996, Derwent				
	CC**	BLAU, H.M. et al., "Isolation and characterization of human muscle cells", Proc. Natl. Acad. Sci. USA, 1981, Vol. 78, pp. 5623-5627.				
	CD**	BRONZING, J. D. The Biomedical Engineering Handbook, 1995, pp. 637-644.				
	CE**	BROSSOLLET, L.J., "Mechanical issues in vascular grafting: a review", Int. Journ. of Artif. Organs, 1992, Vol. 15, pp. 579-584.				

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/764,691-Conf. #9462
				Filing Date	January 26, 2004
				First Named Inventor	Gary L. Bowlin
				Art Unit	1657
				Examiner Name	S. K. Singh
Sheet	3	of	4	Attorney Docket Number	OGA-00703

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CF**	ESQUIVEL, C., et al., "Why Small Caliber Vascular Grafts Fail: A Review of Clinical and Experimental Experience and the Significance of the Interaction of Blood at the Interface," J. Surgical Research, 1986, vol. 41, pp. 1-15.	
	CG**	FREED, L. et al. "Biodegradable Polymer Scaffolds for Tissue Engineering," Bio/Technology, 1994, Vol. 12, pp. 689-693.	
	CH	GHOSH, S.K. and MITRA, H.P., "Oblique banding pattern in collagen fibrils reconstituted in vitro after trypsin treatment," Biochim Biophys Acta, 1975, Vol. 405, pp. 340-346.	
	CI**	KANDA, K., et al. "In Vitro Reconstruction of Hybrid Vascular Tissue Hierarchic and Oriented Cell Layers," ASAIO Journal, 1993, Vol. 39, pp. M561-M565.	
	CJ**	KIRICHENKO et al., Abstract of RU 2034534, Derwent World Patents Inc., Dialog File No. 351 Accession No. 1052-1633.	
	CK**	L'HEUREUX, N. et al., "A completely biological tissue-engineered human blood vessel," FASEB J., 1998, Vol. 12, pp. 47-56.	
	CL**	MIKOS, A.G., et al., "Wetting of poly (L-lactic acid) and poly (DL-lactic-co-glycolic acid) foams for tissue culture," Biomaterials, 1994, vol. 15, no. 1, pp.55-58.	
	CM**	MOONEY, D.J., et al., "Design and Fabrication of Biodegradable Polymer Devices To Engineer Tubular Tissues," Cell Transplantation, 1994, vol. 3, no. 2, pp. 203-210.	
	CN**	PEPPER, M.S., "Manipulating Angiogenesis", Arteriosclerosis, Thrombosis, and Vascular Biol., 1997, Vol. 17, pp. 605-619.	
	CO**	PISTNER, H. et al., "Poly(L-lactide): a long-term degradation study in vivo, Part III Analytical characterization", Biomaterials, 1993, Vol. 14., pp. 293-298.	
	CP**	RHODIN, J.A.G. et al., Chapter I, "Architecture of the vessel wall," in "The Cardiovascular System", Handbook of Physiology, American Physiological Society, 1980, Vol. II, Sec. 2, pp.1-31.	
	CQ**	SABELMAN, E.E., et al., "Composite Cell/Tissue Replacement for Nerve and Pressure Sore Repair," http://guide.Stanford.edu/Publications/clinB.html , June 15, 2000, pp. 1-2.	
	CR	SHIEH, S.J., et al., "Effect of Crosslinking on Mechanical Properties of Reconsituted Collagen Fibers", Proc. Ann. Intl. Conf. Engin. Med. Biol. Soc., 1987, Vol. 3, pp. 1465-1466.	
	CS**	SILVER, F.H. et al., "Type I Collagen in Solution", The Journal of Biological Chemistry, 1980, Vol. 255, pp. 9427-9433.	
	CT**	SPARROW, J.T. et al., "Apolipoprotein E: phospholipid binding studies with synthetic peptides from the carboxyl terminus," Biochemistry 31, 1065-1068 (1992).	
	CU**	THUMB, W. et al., "Temperature inducible beta-sheet structure in the transactivation domains of retroviral regulatory proteins of the Rev family", Spectrochimica Acta 55A, 2729-2743 (1999).	
	CV**	VANDENBURGH, H. et al., "In vitro Model for Stretch-Induced Hypertrophy of Skeletal Muscle", Science, 1979, Vol. 203, pp. 265-268.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/764,691-Conf. #9462
				Filing Date	January 26, 2004
				First Named Inventor	Gary L. Bowlin
				Art Unit	1657
				Examiner Name	S. K. Singh
Sheet	4	of	4	Attorney Docket Number	OGA-00703

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CW**	VANDENBURGH, H., "Dynamic Mechanical Orientation of Skeletal Myofibers in Vitro", Departmental Biology, 1982, Vol. 93, pp. 438-443.	
	CX**	WEINBERG, C. et al., "A blood vessel model constructed from collagen and cultured vascular cells," Science, 1986, vol. 231, pp. 397-398.	
	CY	Supplementary European Search Report dated September 16, 2008 from EP08012320.1-2307 (OGA-005.97).	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.